

Appl. No. 10/709,710  
Amtd. dated May 16, 2006  
Reply to Office action of January 25, 2006

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

5    **Listing of Claims:**

Claim 1 (currently amended): An intake structure, installed in a projection apparatus which has at least one heating element, comprising:

at least one intake port disposed on said projection apparatus;

at least one air duct, an inlet of said air duct being directly connected to said intake port and an outlet of said air duct being disposed near said heating element ;  
and

an exhaust fan disposed near said heating element for exhausting air passing by said heating element, an exhaust intake side of said exhaust fan facing said heating element, said heating element disposed between said outlet of said air duct air duct and said exhaust fan.

Claim 2 (original): The intake structure as claimed in claim 1, wherein  
said air duct has a bent air path.

20    Claim 3 (original): The intake structure as claimed in claim 2, wherein  
the outlet of said air duct is connected to at least one splitting duct.

Claim 4 (original): The intake structure as claimed in claim 1, wherein  
said air duct has a straight air path.

25    Claim 5 (original): The intake structure as claimed in claim 4, wherein  
the outlet of said air duct is connected to at least one splitting duct.

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Claim 6 (canceled)

Claim 7 (previously presented): The intake structure as claimed in claim 1, wherein  
5 said exhaust fan is disposed near said heating element and said air duct for guiding  
outside air stream flowing through said heating element.

Claim 8 (original): The intake structure as claimed in claim 1, wherein  
the area of said inlet of said air duct to be set depends on the area of said intake port.  
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Claim 9 (original): The intake structure as claimed in claim 1, wherein  
the quantity of said air duct to be set depends on the quantity of said heating element.

Claim 10 (previously presented): The intake structure as claimed in claim 1, wherein the  
15 distance between said heating element and the outlet of said air duct is 1 to 10 mm.

Claim 11 (previously presented): The intake structure as claimed in claim 1, wherein  
said heating element is an integration rod.

20 Claim 12 (previously presented): The intake structure as claimed in claim 1, wherein  
said heating element is a relay lens.

Claim 13 (previously presented): The intake structure as claimed in claim 1, wherein  
said heating element is a condenser.

25 Claim 14 (previously presented): The intake structure as claimed in claim 1, wherein  
said heating element is an electronic component.

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**Claim 15 (original):** The intake structure as claimed in claim 1, wherein  
said heating element is a color wheel.